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[illegible]

Figure 1

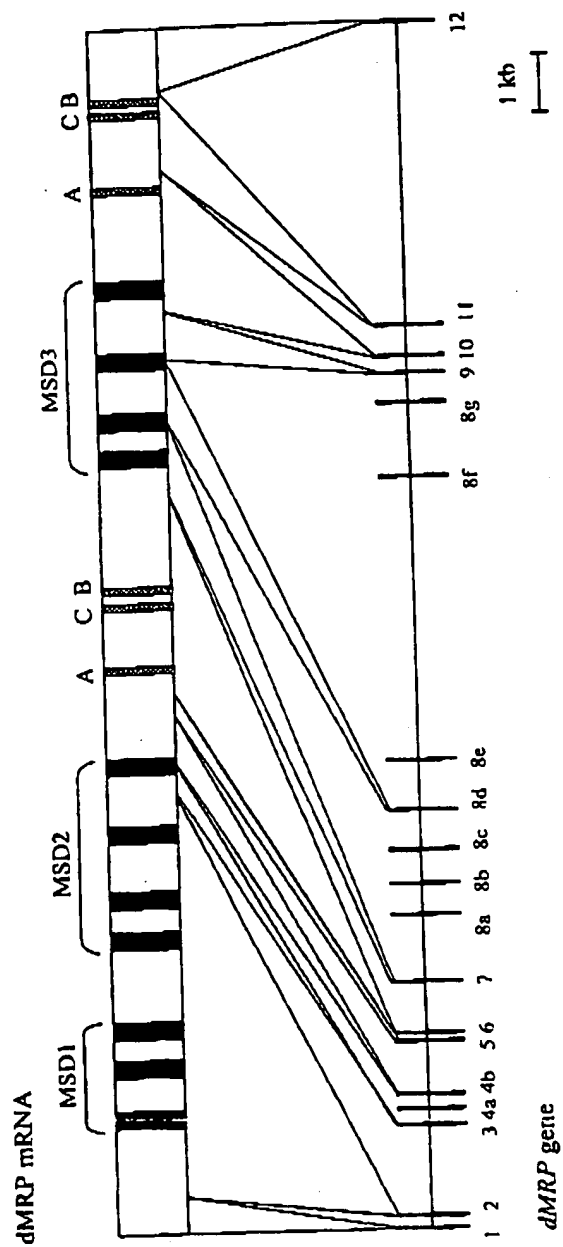


Figure 2

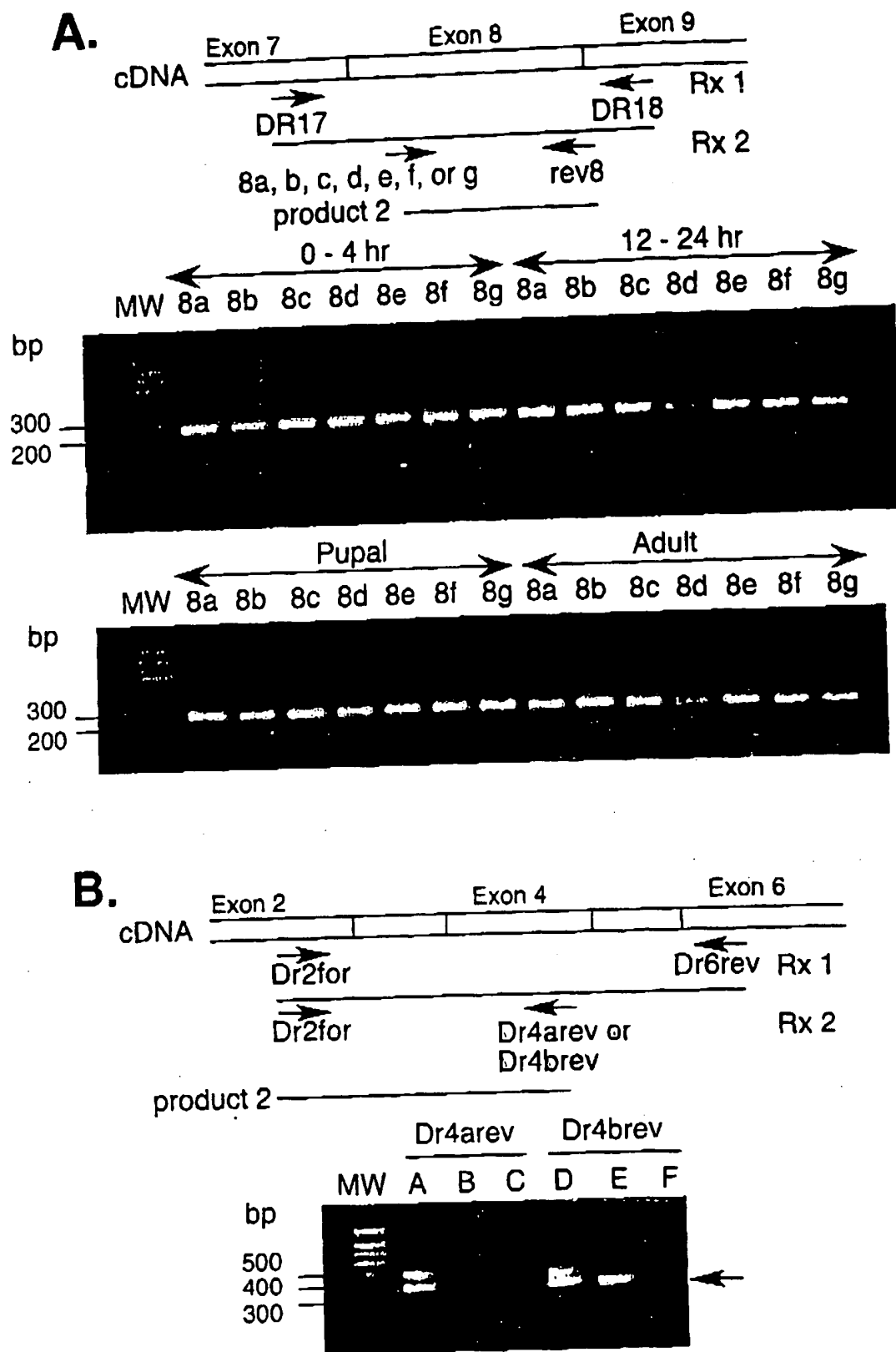


Figure 3

A
MRP1 VALCTPAVVVVTIDENN--ILDAQTAFAVSALPFLNLRFPFLNLPMPVISSIVQ
MRP2 VSVVTFESVVLVDENN--ILDAQKAPTSTLFPNLRFPFLNLPMPMISSMLQ
MRP3 VTLITLWVVVYVDPNN--VLDAEKAPVSLSLFPNLRFPFLNLPQLISNLTQ
4a VSLVTFATYVLTSSAN--QLSVEKVLVSIALFDLMLKPLTLILPMLSVDIAE
4b VSLVTFATYVLTIDENN--VLDAKTFVSLSLFPNLRFPFLNLPMLITNLVQ
Dsur ITFVTGLGVVNLHRDQEPDLNASRFLSLALFQOLTVPLLIFPITVPPIIA
Cons V-LVTF-VYV--D-NN--LDA-K-PVS--LPNLR-PL--LPM-I----Q

B
MRP1 IAVFGYSMAVSIGGILASRCLHVDLLHSILR-SPMSFFERTPSGNLVNRFPSKELDTVDSDHIPEVIKMPMGSLFN
MRP2 IFVPIARFWSAFGEVHASNHLHKQLLNNILR-APMRPEDTTPGTGRIVNRPAGDIISTVDDTLPPQSLSRSWITCFLG
MRP3 FLVMLAAMAMAAGGIIQAARVLHQALLHNKIR-SQSPFDDTTPSGRILNCPKSDIYVVDVLPAPVILMLLNSPFN
8a ATNFPSSLAISLGCCKCSQLLBQTLLYYNLR-WPMELPDTTTLGRIVNRFPSKDIIDTIDNVLPFNIRVVIGQAYM
8b VTGYLSTLILSLGCVYSARYMHNVLLHGTILR-WPMZEMFDITPLGRIVNRFPSKDVDTIDNTLPLNLRVVLQLEPA
8c TSYFFCSLTALGCIPCSCKVLHETLLSYVFR-WPMELPDTTTLGRIVNRFPSKDVDTIDNVLPMLMRMVISQAPA
8d LSKYLSGLALAGGLHCSHNVFNKLLNTGLK-WPMELPDTTTLGRILNRPYKDVDTIDNVLPMLMRMVISQAPA
8e VLAYFAVVIIVYLGCPQAAKTIHNEALLAVIIRCSVCRFPDITPIGRILLNSPSCDMVDVDELPATMDSPTPIFM
8f LCNYGAAISLFTATLHASSRVFHRLLFNHVR-APMTMEDTTPVGRILNRPYKDVESVDOKMPQVINDCINWCAFE
8g PTFPSDDLAPALGSLHAAKVLBSMLLENVLR-APMTMEDTTPVGRILNRPYKDVESVDOKMPQVINDCINWCAFE
Dsur VSTPAGQYAGCNARRNLHDKLL(TILNKTILH-----PFQVTPPLGRIVNRFPSKDVESVDOKMPQVINDCINWCAFE
Pfam LLOGSFYLGGERLGO-RLRKRLFRALLRQILG-LFMSFFDNTSTGRLTSRLTNDVSKIRDGLGBKGLLFQSLAT
Cons -----G-----S--LH--LL--LR--PH-PFDTP-CRI-NRPSKD-----D--LP-----F-

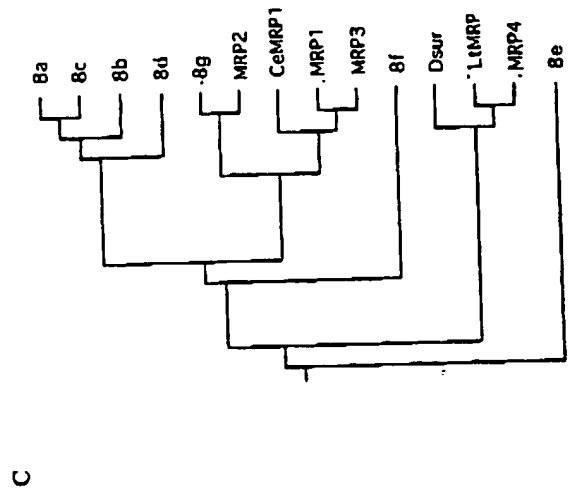


Figure 4

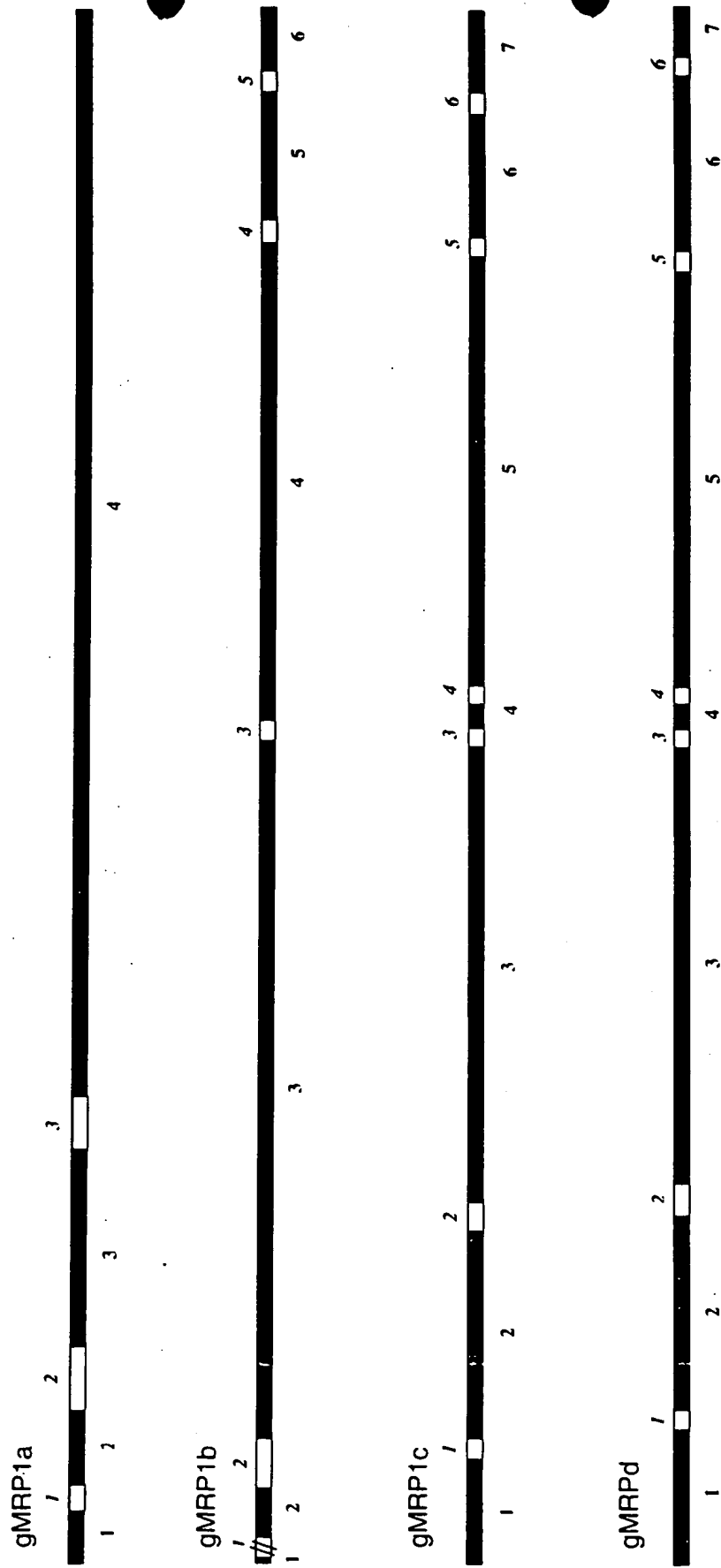


Figure 5

[illegible]

gMRP1c	438	R	I	R	T	G	L	I	S	A	I	Y	R	K	A	L	R	I	S	S	A	A	K	K	D	T	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	F	E	L	T	S	Y	L	H	I	L	W	S	A	P	L	I	L	I	Q	L	438
gMRP1d	438	R	I	R	T	G	L	I	S	A	I	Y	R	K	A	L	R	I	S	S	A	A	K	K	D	T	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	F	E	L	T	S	Y	L	H	I	L	W	S	A	P	L	I	L	I	Q	L	438
gMRP1b	433	R	I	R	T	G	L	I	S	A	I	Y	R	K	A	L	R	I	S	S	A	A	K	K	D	T	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	F	E	L	T	S	Y	L	H	I	L	W	S	A	P	L	I	L	I	Q	L	433
gMRP1a	372	R	I	R	T	G	L	I	S	A	I	Y	R	K	A	L	R	I	S	S	A	A	K	K	D	T	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	F	E	L	T	S	Y	L	H	I	L	W	S	A	P	L	I	L	I	Q	L	372
dMRP	482	R	I	R	T	A	L	I	N	A	I	Y	R	K	A	L	R	I	S	N	S	T	K	K	S	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	F	E	L	T	S	Y	L	N	M	I	W	S	A	P	L	I	L	I	Q	L	482	
MRP1	453	R	I	K	T	A	V	I	G	A	V	Y	R	K	J	A	L	V	I	N	S	A	R	K	S	T	V	G	E	I	V	N	L	M	A	V	D	A	Q	R	F	M	L	A	T	Y	I	N	M	I	W	S	A	P	L	I	L	I	Q	L	453		
gMRP1c	497	C	V	F	L	L	Y	D	-	I	L	G	P	A	V	F	A	G	L	G	V	M	I	L	M	T	P	V	S	G	V	A	A	K	L	K	T	H	Q	V	A	Q	M	K	I	K	D	E	R	V	V	K	K	M	N	E	I	L	G	G	I	497	
gMRP1d	497	C	V	Y	L	L	Y	E	-	I	L	G	P	A	V	F	A	G	L	G	V	M	I	L	M	T	P	V	S	G	V	A	A	K	L	K	T	H	Q	V	A	Q	M	K	I	K	D	E	R	V	V	K	K	M	N	E	I	L	G	G	I	497	
gMRP1b	492	T	F	V	A	L	W	V	G	V	L	G	P	I	G	T	A	G	L	A	I	V	A	I	P	I	T	P	G	F	I	A	T	K	M	R	D	L	Q	V	E	Q	M	K	I	K	D	E	R	V	V	K	K	M	N	E	I	L	G	G	I	492	
gMRP1a	532	A	L	Y	F	L	W	Q	-	Q	L	G	P	S	V	L	A	G	V	A	V	M	I	L	M	V	P	V	N	A	V	A	K	K	I	A	S	K	I	K	T	Y	Q	I	K	H	R	I	T	A	S	I	E	Q	M	532							
dMRP	512	A	L	Y	L	W	Q	-	N	L	G	P	S	V	L	A	G	V	A	V	M	I	L	M	V	P	V	N	A	V	A	K	K	I	A	S	K	I	K	T	Y	Q	I	K	H	R	I	T	A	S	I	E	Q	M	512								
MRP1	557	K	V	L	K	L	Y	A	W	E	P	S	F	Q	D	S	I	L	N	V	R	D	E	E	V	G	I	L	K	K	M	A	Y	Y	G	A	G	I	F	F	T	I	A	P	F	F	L	V	T	L	S	F	A	V	V	V	L	I	D	557			
gMRP1c	557	K	V	L	K	L	Y	A	W	E	P	S	F	Q	D	S	I	L	N	V																																											

Figure 6

gMRP1c	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	821
gMRP1d	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	821
gMRP1b	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	818
gMRP1a	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	792
dMRP	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	845
MRP1	ADAEVYLLFDDPPLS	AVDAH	VGGKH	IFEFK	VIG	PSG	MLV	GGK	SRLL	LVTH	QIS	FLP	FF	VEN	IL	V	L	K	842
gMRP1c	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	872
gMRP1d	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	873
gMRP1b	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	868
gMRP1a	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	834
dMRP	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	904
MRP1	DGEISESGTY	QIE	LDQ	KG	AFA	AEFL	LS	QH	IQEL	DE	DE	DE	DE	DE	DE	DE	DE	DE	893
gMRP1c	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	921
gMRP1d	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	923
gMRP1b	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	920
gMRP1a	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	941
dMRP	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	963
MRP1	NVIOA	---	LSV	RS	NR	SG	SS	DS	TR	KK	PI	SR	QV	SK	QS	---	VHS	---	947
gMRP1c	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	981
gMRP1d	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	983
gMRP1b	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	980
gMRP1a	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	901
dMRP	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	1023
MRP1	IGVEESA	TG	AV	TW	LV	VY	KK	YV	TA	IG	FG	FW	SV	FF	SA	IN	QGG	SI	1007
gMRP1c	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	1041
gMRP1d	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	1043
gMRP1b	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	1040
gMRP1a	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	955
dMRP	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	1089
MRP1	DP	SV	RD	KY	LG	VY	GA	LG	GA	Q	Q	Q	Q	Q	Q	Q	Q	Q	1087
gMRP1c	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1101
gMRP1d	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1103
gMRP1b	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1100
gMRP1a	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1015
dMRP	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1143
MRP1	PL	GR	I	NR	FS	KD	VD	V	DN	IL	PA	TI	RA	AW	LL	FL	FN	V	1127
gMRP1c	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1154
gMRP1d	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1158
gMRP1b	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1153
gMRP1a	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1075
dMRP	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1186
MRP1	FV	QR	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	1180

Figure 6

Figure 6

Figure 6